JP 08-231625 A

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polyEthylene@ continuous polymerisation for extrusion blowing for casings - using Ziegler catalyst and metallocene-aluminoxane silane catalyst system, for wider distribution of mol.wt. and lower melt flow index

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Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 720989	A1	19960710	EP 95402974	A	19951229	199632 B
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Cited Patents: 00 28395800; 00 43632800; 4659685
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 720989	A1	F	10	C08F-010/00	
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ES 2137472	T3			C08F-010/00	Based on patent EP 720989
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DE 69511838	E			C08F-010/00	Based on patent EP 720989

Abstract (Basic): EP 720989 A

Continuous homopolymerisation of ethylene or copolymerisation with an alpha -olefin, at 160-300 deg. and 400-3000 bars, in a reactor comprising a zone in which the residence time of the catalysts is 1-150 seconds., involves the simultaneous but separate introduction of:

(a) a Ziegler catalyst system; and

(b) a catalytic system of metallocene/alumoxane.

USE - Suitable for extrusion-blowing to form casings.

ADVANTAGE - The (co)polymer has a wider distribution of mol.wt., and also a lower melt flow index (1-4 g/10 minutes).

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Derwent Class: A17; E11; E12
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